

20. (7) 720. 18.

Collected

July 4th
Mr. Charles Scheide was sworn
in on behalf
of Mr. Tyler.

Has been in the Mint
of New-Orleans, since the com-
mencement of its operations.

Was engaged in Philadelphia,
attended the coining presses,
was here when some alterations
were made to the coining presses
by Mr. Tyler. The alterations
were in reducing the ball of
the die press & fitting a
piece of steel to the Ball for
the purpose of separating the
Ball from the socket, the
triangles were also altered
by setting two brass plates
in the triangle for the pur-
pose of stiffening them, which
effect was produced by the al-
teration, there was also a
new centre made to the trian-
gle of the die press, also of
the dollar press; thus by these
alterations have greatly im-
proved the presses. The object
of the piece of steel was to
separate the Ball from the
socket to admit the oil un-
der the ball, the ball aids

Mr. Scheide

W. Scheride

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itself by this operation. Does not think the ball has worn materially since this plan was adopted - This plan as to oiling has been in use since June 1858. Has tried the large press which, had not this plan as to oiling it, worked very badly - The alterations above referred to have not been abandoned since, to his knowledge knows the old plans have not been returned to.

Believes from what Depo-
nent has seen, that, W. Tyler
is a good mechanic, & as far
as deponents information
extends should say, Tyler is one
of the best in the United
States. Thinks him very at-
tentive to his duties more
so than any other man
would be. Tyler generally
comes to his work about 7
A.M. or a little before, break-
fasts at 8 and is absent on
an average about ~~an hour~~
returns & works till 2 P.M.
is absent from 2 P.M. at
dinner about an hour re-
turning at 3 generally,

Mr. Scheride

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and is generally occupied in his department till dark, sometimes later. The department, room, more might have been done, if more work had been given to Depo=ment, but Depo=ment thinks Mr. Tyler has not men enough for his department, to keep Depo=ment's room supplied with plan chets. Considers that Mr. Tyler treats his men well, when they deserve it. Question. Do you believe, from what you know of Mr. Tyler Mr. Denney & Mr. Brown, that the public interests would be or would not be promoted by the removal of Mr. Tyler, & the substitution of Mr. Denney or Mr. Brown in his stead.

Ans. Thinks so far as he is of judging that the public interests would be ~~capable~~ not ~~to~~ be promoted by Mr. Tyler's removal & the substitution of either Mr. Denney or Mr. Brown.

Examination on behalf of Mr. Tyler.

Being asked if Mr.

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Brown is a witness, whom he would believe upon oath.

Ans. He would not believe him on oath where his interests are concerned or where he could gratify his revenge.

Being asked what reasons he has for not believing Brown on his oath when his interests are concerned.

Ans. Depoent does not believe some parts of the testimony which Brown gave here before the Commissioner, & believes his reputation for truth is not very great in general - has never known or heard of his, Brown, forswearing himself, on other occasions, but has known him to tell falsehoods, & moreover knew that he would tell a falsehood from a spirit of revenge or to gratify a friend. Knows this by experience & if wished to state instances he will do so. knows an instance where he agreed to get a friend, a young man into a situation that was already engaged for another

W. Scheride

Mr. Scherick

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and it turned out that the
young man did not get the
place, knows nothing of his
general reputation for the
truth, but from what he
has heard from some of the
men, these men were Jackson,
& Gallagher - has heard all the
men, working in the mill
speak about his veracity,
has never heard these men
say he would perjure him-
self & Depose himself
did not think so previous
to this of assassination - Was
on good terms with Brown
previous to his discharge - has
seldom met with him since
says he knows of no alter-
ation having been made
to the milling machine, knows
of an alteration having been
made to the draw bench
Considers the alteration as
having her good with relation
to preventing noise, but con-
sidered it, other wise ~~is~~ not
necessary. The draw-bench works
well now, as far as Depose
knows.

W. Scheride

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Examination on behalf
of Mr. Bradford.

Thinks all the work
done ~~was~~ ^{was} necessarily done,
but is of opinion that some
of the work might have
been deferred & done by de-
grees after the mint had
got into operation all the
~~furnaces~~ ^{furnaces} had to be built,
force pumps set, all the work
benches made, a great many tools
also, a forge built, and a va-
riety of things done that De-
ponent does not recollect -

Supposes that these things
were finⁿished about the
latter part of May 1838.

Quest. Could not the adjust-
ment of the machinery & the
necessary changes thereof
have been done during the
time the matter spoken of
in your last answer were
under completion.

Ans. It could have been done
if there had been ~~more~~ more
machinists, but the machinists
were kept all the time busy.
It has sometimes had a press
of work in the coining room

Mr. Tyler

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(Deponent) when the press would
get out of order, & a supply
of planchets was thus accu-
-mulated - this has not often
occurred, considering the appli-
cation of the machinery. It
has occurred frequently in
a month - It has sometimes
been necessary to take out
the dies from their being
worn - a die lasts about
10 days or two weeks when
there is not a press of work
a good die will generally
strike about two hundred
thousand pieces, means the
demi or half demi dies.
Has never made more than
three days, extra time, in a
month, to the best of his
recollection - has never been
allowed, nor received extra
pay for extra work where
extra work was not done.

Examination on behalf
of Mr. Tyler.

The dies, now in the demi
press, have struck more than
two hundred thousand pieces;
they are now in tolerable
condition.

Committed.

July 1st 1839

Edward F. Brown sworn
Examined by the Commissioner.

I am aged 27 years my
profession is that of a
Theoretical & Practical
machinist I have been
engaged in that profession
since I was 18 years of age.

I was engaged for this
mint in Philadelphia
on the 1st of May 1837 as
foreman for the coiners
department & commenced
my operation on the 12th
of December of that year.

I remained here until
about the 1st of July 1838.
Mr Tyler was here while
I was employed he was
here as chief coiner.

I have heard conversa-
tions between Mr Tyler
& Mr Maxwell on the sub-
ject of Southern officers.

I have heard a conversati-
on between Mr Tyler &
Maxwell on the subject
of the weight matter, they
seemed to have the impres-
sion that it was their right.

Mr F. Brown

Mr Brown

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to make the appointment
of weigh master. Their
desire was that a brother
of Mr Tyler should have
the place of ~~the~~ ^{weigh master} Maxwell,
about this time McDurel
came to the mint as an
applicant for this appoint-
ment. I heard Mr Max-
well remark to Mr Ty-
ler after seeing Mr Du-
rel that he supposed
Mr Durel was an infe-
rior Frenchman that
probably had been a
clerk in some store &
~~would~~ ^{could} weigh within a
-bout $\frac{1}{4}$ th. I did not know
whether or not this remark
was made maliciously
but afterwards came to
the conclusion that it was
for this reason that Mr
Maxwell & Tyler seemed
to fear that if a number
of Creole officers came
into the Mint, & were not
kept out, they Maxwell &
Tyler would eventually
lose their offices my opin-
-ion is that the intention

Mr Brown

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of Maxwell & Tyler to get
such subordinate officers
as they ~~could~~ manage &
particularly to get in a
weigh Master. To point
a needle or some small
work of the sort at which
he can occupy time he does
very well, but as a prac-
tical workman he con-
siders him as ineffici-
ent — As a Theoretical
Machinist I consider him
as respectable but I con-
sider him inefficient as
a practical & general ma-
chinist — I have been
informed by Tyler's former
partners that he has failed
nearly all his partners, that
they were obliged to sell
out or get rid of him to
save themselves.

I was employed in the Mint
here & in Philadelphia with
Mr Tyler about a year &
upwards — I was employed
by Mr Tyler for the pur-
pose of learning at the
Mint in Philadelphia
the operations of the coining.

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department with a view of coming to New Orleans to teach the hands here. When the Machinery arrived in New Orleans it was in as good order as could be expected coming from such a distance. It required some clearing from rust to put it in operation.

It was found necessary to make some changes in the building when the Machinery arrived, but I think that one month would have been sufficient to make these alterations in the building.

All the machinery was here in the building when we came here in December excepting some tools. These tools were not, however necessary to put the corner's department in operation.

There was nothing wanting that was necessary to commence operations.

Ques: at what period do you conceive the corner could with

Mr. Brown

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reasonable diligence have commenced the regular operation of coining?

Ans I think that he might have commenced in 3 months without any difficulty whatever— say the 1st of March 1838, even then I think that a month would have been wasted—

Quest: Was any machinery condemned by the court?

Ans. 1st The three coining presses were condemned,
2^d The Milling press, or machine
3^d The Rolls were condemned
4th The Steam Engine
5th Some of the cutting presses
6th The Draw bench excepting the saws, were condemned by Mr Tyler.

Quest: State the reason why the coining presses were condemned & whether the condemnation was reasonable & if otherwise why not reasonable?

Ans. Mr Tyler said to me, what is your interest is mine & what is mine is yours, Mr Tyler said to me "I wish

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you to give the men to under-
-stand that this machinery
is inefficient & will not an-
-swer the purpose for which
it was intended; But said he,
Mr Tyler if I can keep the
Peel away & make some little
alteration to suit my pur-
-pose then I shall shine—

This alteration was to strengthen
~~then the triangle~~ by putting
2 pieces in the centre & to
alter the pivots— a short
time after he altered the
socket & ball of the joint by
making them smaller. These
were all the alterations in
the half dime press.

He also altered the
triangle in the half dollar
press in the same way
that he had altered the tri-
-angle in the half dime press.

The third press was not
altered but was put in the
machine shop to rust instead
of being put up as it ought
to have been. The quarter
Dollar press now in the
machine room is as capable
as working as either of the

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 other two presses with the exception of the triangle — which is not strong enough to hold the die a new triangle was brought out from Philadelphia for the purpose of replacing in the room of its original triangle — On trial in Philadelphia one made on the same pattern was found to be sufficiently strong. I think the above alterations were improper & will eventually prove so. These presses can be used now but I think they will be found to wear the die more than if they had put in the triangle that was brought out, intended to replace the one in the press, it would have been stiffer & would have held the die fast & have prevented its moving — It was much more work to alter the triangle as it now is, than it would have been to finish the new one. I considered it improper to alter the ball & socket as afterwards he, Mr. Tyler, was obliged to fix

McBrown

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a plan to make it oil stuff, as it is now fixed, unless altered since I have left; otherwise he would have had to throw it out & adopt it as it was before. as the point of bearing was so much less that it created more friction.

Ques: a ball & socket being now exhibited to the witness & the ball appearing to have lost a considerable portion of its surface towards the extremity of the circle where it meets the socket, exhibiting a rough & porous appearance, the witness is asked if he knows whether this ball & socket were among those sent out from Philadelphia or were prepared here & to what press they belong. And I cannot swear whether that ball & socket or either of them were made here, or sent out from Philadelphia for they can be made so much alike that they cannot be distinguished one from the

Mr. Brown

Edw. Brown

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Now I have no recollection
of seeing any crack in the
socket of the one sent out
from Philadelphia; & in the
one exhibited there appears to
be a crack. The one exhibit-
ed appears to belong to the
½ dollar press.

Ques. From examination
of this ball & socket, state
to what cause you would
attribute the abrasion of the
surface of said ball & the
rough & damaged condition
which it exhibits.

Ans. Occasioned by not
keeping it properly oiled
it is impossible to bear the
surface as it is, if kept
properly oiled. — The proof
of this is by ascertaining
how much was coined be-
fore it was thus injured.
I believe that the injury
was done in less than
10 minutes after the first
commencement.

There was some fin-
ishing & brightening
work done which I consid-
ered unnecessary & which

Mr. Brown

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expended time to no purpose.
I cannot tell how much
time was spent in brighten-
-ing machinery it was done
to keep the hands from idli-
-ness & paid extra time at that.
I believe that the coning
presses were designed by
Mr. Peel & made according
to his plan.

State the reason as-
-signed by Mr. Tyler for
the condemnation of the mill-
-ling press or machine?

Ans. That with regard to
the milling presses there
were no important changes
made to them - if there were
any changes they were tri-
-aling they were taken a-
-part & cleaned & no alter-
-ations to my knowledge.

We put them in operation
after their connexion with
the propelling power was
made.

Ques. Did you consider the
work as stated done to the
milling press or machine
as necessary or unnecessa-
-ry?

Mr Brown

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Ans. Whatever might have been done to them was necessary, I think Mr Peck was the designer of the milling Press.

Ques: State the reason assigned by Mr Tyler for the condemnation of the rolls?

Ans: The rolls were badly rusted & had been considerably damaged by the salt water. They were taken into the machine shop to grind them, they were partially ground & made brighter - but I question whether bettered in any other way than that their surface was made smoother.

The plan adopted to grind them was considered by myself & by nearly all the machinists as a bad one.

Denny & Cavalier disapproved of it if the remaining machinist was not in the shop much of the time.

Ques: Was or was not the work done to the Rolls by Mr Tyler necessary or unnecessary?

Ans: The time spent was un-

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-necessarily long in doing the work, but the cleaning was necessary. I considered the work badly & improperly done. I considered it necessary to grind them so far as was necessary to take off the rust, but the method adopted was tedious.

Ques.^r State what reasons were assigned by Mr. Tyler for the condemnation of the Steam Engine & what work or alterations were put by Mr. Tyler on the Steam Engine?

Ans.^r There were no alterations made to the Steam Engine, but the Engine was out of line by the new foundation on which it was placed, settling this is common in this country in consequence of the softness of the soil — It took but a short time to put it in line again. In following Mr. Tyler's mode of putting it in line, it required more time than was necessary but the time was not long. The engine after it was put

Mr. Brown

Mr. Brown

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in line worked handsomely.
Ques.^t Was or was not the
work done to the Engine in
your opinion necessary?

Answers it was.

Ques.^t State the reasons as-
signed by Mr. Tyler for the
condemnation of some of
the cutting presses & what
work or alterations were
put on them by Mr. Tyler?

He stated they were
improperly fitted & badly
finished. He took out one
of the guides and had them
polished to a high polish
for the purpose of showing
the difference of finish. He
stake~~d~~ that holds the punch
was taken out of two of them
& rubbed down to make them
fit better & probably they were
made to fit better or answer
the purpose better, it is ne-
cessary in all machinery
to take apart some of the
movements, to adjust them.

Machinery generally requires
such adjustment more or less.
Ques.^t Was or was not the
work done by Mr. Tyler to

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the cutting presses, necessary
or unnecessary in your opin-
-ion?

Ans: Should think it might
have been necessary, being
usually so to adjust new-
machinery.

Ques: State the reasons as-
-signed by Mr Tyler for the
condemnation of the draw
bench, excepting the saws. &
state what work was by him
done to, or changes made,
in the draw-bench?

Ans: The fault he found
with the draw-bench was
that the work was not well
done, in the manner of
finishing. He made some
alterations; he took the rolls
out, or the carriers, and intro-
-duced a board or plank
for the chains to traverse over.
The wooden sides of the bench
were also scraped and rubbed
down with oil, in order to
make them look better. The
heads through which the bar
passes were also taken to the
shop & new rolls put in, as de-
-ponent believes.

Mr Brown

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Ques: State whether in your opinion the work done by Mr Tyler to the draw bench, excepting the Saws, was necessary or unnecessary.

all that was done to the draw bench was unnecessary. Great pains had been taken to preserve the heads from rust. ~~They~~ having been kept at the Union Bank from the time of being imported here. the Saws were made by Menick, Agnew & Tyler - don't know who made the bench, but thinks it was made at the same shop; don't recollect how much time was spent on the draw bench?

Ques: Do you think the operations of the mint were retarded by Mr Tyler, & if so, how much time was lost through his fault?

Answer Yes - thinks two months at the least Calculation was wasted by him & extra wages paid the men employed by him, & not half work at that - the machinists had work all the time, but the other hands, that

M. J. Brown

C. M. Brown

July 1st

is to say the coiners' rollers
had not work

Ques: Have you ever observed
any improper conduct by Mr
Tyler with relation to the
melter & Refiner's department
& his intercourse or transactions
therewith?

Ans: The most improper thing
witness has known on this
subject was that they passed
the Bullion back & forwards
between them without the war-
rant of the Superintendent,
which witness knows they
did not have. On one occasi-
on witness was asked by
Mr Tyler if he, witness had
not some business in the city;
at that time they had been coin-
ing for some time. It was
some time about 1 June 1838. all
they had coined was to no
purpose. Mr Tyler had a
considerable amount of
coin & planchets on hand that
was not correct some of the
pieces, both planchets & coin &
strips were too heavy & some
too light - Deponent agree-
ably to Mr Tyler's orders

W. Brown

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went out into the city, Tyler
telling him he would pay
him for his time if Deponent
should not lose any time by
going. he told witness he
might go out for the remainder
of the day, as no more would
be coined that day. Deponent
went out agreeably to his or-
ders, and after being out
a few minutes, mistrusted
what might be the case; De-
ponent came in by the room
over the weigh room. a few
days before there had been a
hole cut through the arch over
the weigh room to pass a
rod to hold the scales—
Deponent looked through the
hole & saw Mr Lilly, Mr
Tyler and Mr Maxwell en-
gaged in weighing the strips
planchets & coins aforemen-
tioned as being imperfect—
Deponent supposed the rea-
sons why he Deponent was
sent out, was that he should
not know of what was doing—
Mr Tyler got Charles Moore,
a blacksmith at the mint to
help carry these articles, who

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had never been so employed before, to the weigh room; the object was to have them re-melted into ingots, so as to recognize them. — Knows nothing further positive about this particular transaction —

Deponent does not know whether the passing back & forwards of the Bullion that afterwards took place was a — greatly to law or not? He is unable to state. — But deponent believes that there was a continual shuffling backwards & forwards unbeknowning to any one else but those two, that is Mr Tyler & Mr Maxwell.

By shuffling deponent means that the corner made a mistake, the planchets would neither weigh nor count correctly they would be either too heavy or too light, then it was returned by Mr Tyler to Mr Maxwell & remelted into ingots & then returned back to Mr Tyler. Deponent believes all this was done without the knowledge

July 1st
of the Superintendent - &
further believes that they
were ashamed to let him
know it

Quest: Please state if you
know anything in relation
to a plan of the conspirators to keep
the assayer out of the Treasur-
er's office at any time &
for what purpose?

Ans: Mr. Tyler expressed
himself to me by saying that
he wished he could get some
plan to keep Dr. Hoff out of
the Treasurer's office, he was
always in it; he stated to
me he would give him some
pieces to assay that would
keep him out, a short time
after this took place there
was an accident happened
in ~~any~~ kneading some planchets,
these planchets were in a
cylinder 3 inches diameter
12 ft long. they were made
of copper & brazed with hard
solder, using borax to braze
them it acted as a cement,
which caused the pieces to
stick & run together, with
less heat than would otherwise

Mr. Brown

Mr Brown

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have taken place if there
had been no borax in the
cylinder. They were melted
firm together so that in a part
of the pieces the portion of
alloy was nearly burned
out so as to make the silver
too near fine silver, a part
at one end of the box, or
cylinder was not heated
enough to injure them while
the other end was red hot.
These pieces were known to
be spoiled as to standard, some
above standard & some below—
when I was taking these pieces
out of the box Mr Tyler came
into the room & examined
them, taking some below
& some above standard, of
which we had no reason
to doubt, saying to me
do you think that will
not answer to keep the
Dr out of the Treasurer's
office. I told him that part
of them, the alloy, was all
burned out & that it would
be of no use— & he said
that was no matter it would
keep him the Dr out of the

Mr Brown

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Treasurer's office. — He took
a handfull of them & went
to his room & afterwards I
saw them or other pieces like
them, they could not be told
apart done up in small
parcels & numbered & I sup-
-pose they were sent to the
assayer to be assayed for
the purpose of keeping him
out of the Treasurer's office.
I believe they were the
same planckets before spo-
-ken of.

Quest. State any thing that
you know as to Philas B
Tyler, brother of the Criner
being employed one month
or thereabouts in making
drawings for a Mr Marshall
of Philadelphia when he
was receiving at the same
time full pay & extra pay
for his services as a chie-
-f-minister or workman in
this Branch Mint?

Ans. Mr Philas B Tyler the
Brother of the Criner & Mr Ty-
-ler the Criner were both
engaged more or less in
making these drawings.

July 2^d

Thursday evening next full duplicate copies of all the entries in his Silver account book from 1st April 1839 to 1st June inclusive to be verified under oath of Mr. Maxwell & approved as true copies by the Treasurer & Superintendent.

Dr. Hort is requested to furnish duplicate copies of his reports of assay for the month of April 1839. certified by him in like manner under oath & approved as true Copies by the Treasurer & Mr. Maxwell

Mr. Browns examination resumed by the Commissioner.

Has heard Mr. Tyler say that the Steam Engine of the Mint was badly made & that he, Tyler, could get up a much better one. That the present one was a pump of cast iron of a rough finish or without a proper finish; this engine was built by ^{Muhlenburg} ~~Quinn~~ & ~~Proctor~~ ^{brought} ~~from~~ Philadelphia - Tyler

Mr. Brown

Mr Brown.

July 2d

stated it was very imperfectly fitted & not suited for a Mint. and added, if I could persuade them to sell it, I could substitute one that would be an ornament to the Mint- he said he would have the Cylinder surmounted with a brass plate, & would have the maker's name superscribed & would get it made by Baldwin. Deponent believes Mr Baldwin is Mr Tyler's brother in law.

Mr Tyler's disposition seemed to be, to let some one attend to the engine who did not know how to superintend it, as he Mr Tyler was to be his own engineer, he appeared to desire to impress the men with an idea that he knew all about an engine, though witness thinks Tyler was incompetent himself to take charge of an engine. Deponent thought so, because he, Tyler, undertook to work the engine only with a starting

Mr. Brown

July 2^d

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bar. In trying to pass the Enter, Mr. Tyler came near throwing the Cylinder out of place. There was not sufficient experience in working it, shown, to avoid the above danger. Moving the valve the reverse way from what he should have done. Mr. Tyler & his brother were both experimenting with the engine when these mistakes were made. They were alone in the room together. Deponent was in the Barber Room below. Could see what they were doing through the space where the fly wheel worked. Deponent is of opinion that the Engine was a good one. It was so considered by the persons who have seen it in operation.

Mr. Tyler had a skeleton key for his convenience to pass through the doors of the different apartments. He knows it would suit the Treasurer's office. Does not know as to the doors

July 2^d

9.

out of Tyler's department—
Has seen Mr. Tyler enter
the Treasurer's Office with
it— Does not know if the
Treasurer's Clerks knew of
it, but supposed at the
time they did know it
seeing him use this privi-
lege— he made free use
of it & had gone there when
the Clerks were away.

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Comatun

July 11th 1839
W^r. Charles C. Lyon was
sworn

Has been in the mint
since February 1838 & is
employed at cleaning, mil-
-ling & whitening planchets.
Thinks as far as Deponents
observation has extended, the
work in the Coiners Depart-
-ment has been diligently con-
ducted. In deponents branch
the machinery has been well
taken care of. as far as he
has observed the machinery
in the other branches of the
Department, it appeared to
work well - some parts of
the machinery have been
out of order from the settling
of the building. Deponent has
but little acquaintance
with the subject of machi-
-nery, except ^{what} ~~which~~ he has
gathered since he has been
in the mint. Has formed the
impression, from observation,
of W^r. Tyler's conduct, that
he has been anxious to
^{expedite} ~~expedite~~ his work, as far
as circumstances would

July 3^d

thinks was about the time of the commencement of the operations of the mint - some time in 1838 -

He knows nothing of Mr Tyler's qualifications, when deponent has been at the mint. has generally seen Mr Tyler here, attending apparently to the business of his department.

Deponent on his visits to the mint does not recollect of seeing persons of suspicious appearance about the establishment -

Joseph B Harmstead
was sworn -

Deponent is a machinist - was first employed at the mint some time in November 1837, & so has since continued - was engaged in the corner Department - The machinery was in pretty good condition when it first arrived from the north - as good as could be expected when Deponent arrived some part of it, such as the presses & milling machines were still in the boxes & had to be set up - Deponent assisted in setting up the corning presses - some parts of them were rusted & required rubbing, but they

Mr Hamstead

July 3rd
were however in very good order—
The triangle was afterwards
altered by Mr Tyler. Pieces
of brass plate were placed
in the centre of the triangle
of the large & small press;
This addition stiffened the
triangle, but did not alter
the original design— with
this addition the triangle works
very well— Deponent does not
know how it would have work-
ed before— Thinks the work
thus put on the triangles stiff-
ened & must of course be an
advantage— The ball & sock-
et was reduced in the small
press— Thinks the reduction
has been of no advantage—
does not know whether any
injury has accrued from this
change— is not able to say
how the coming press works now,
being in a different portion
of the Department— the draw
bench was altered by taking
out rolls placed for the chain
to roll on & by substituting
plank— there was no other alter-
ation— The draw bench
now works very well— not

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Alterations to the cutting machine — there was an alteration in the Joint which connects the slide with the connecting rod — The machine now works well — In one of the Cutting machines there was an alteration as to holding the seal down — it is not better now than before — there were no other alterations to the cutting machines.

There was a change made to the corning press as to oiling the ball & socket — a piece of steel was placed on the stake to raise the Ball from the socket when it descended — does not know the effect of it — the object was to raise the ball from the socket — thinks this plan would be injurious as to the permanency of the ball & socket, as the bearing would be on the piece of steel — by permanency witness means the solidity of the triangle — as to the friction of the ball & socket, does not think it would be greater or less from this change — thinks there would

Mr. Harwood

Mr. Darnester

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be no difference as to the wear-
-ing of the ball & socket.

The coining department was
ready for actual operation
about last of May or 1st June
1838—thinks in the preparation
of this department more time
was consumed than was ne-
-cessary—say two or three
months—machinists were em-
-ployed in brightening and
altering the arch of the press—
thinks this brightening &c was
to keep the men employed while
Mr Tyler could arrange such
alterations as he thought neces-
-sary—Mr Tyler did not ap-
-pear anxious to get his depart-
-ment ready.

Being asked what is his opinion
of Mr Tyler's capacity & acquire-
-ments as a machinist?

Thinks Mr Tyler has some pe-
-culiar ideas—

Thinks he has a knowledge of
machinery— that his theoretical
knowledge of machinery is very
good— but thinks him not a
competent man for the place he
holds—

Is not much acquainted with

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Mr Brown's capacity & ac-
quirements, but has seen some
of his work which was very good.

Thinks Mr Denney a su-
perior workman — as good
as any he has ever worked with
during an experience of 8 years —
better than any he has ever worked
with at his age.

Quest. Proposed by Mr Tyler —
was not the object of Mr Ty-
ler's change in the cringing
press with regard to the Ball &
socket, to make it a self-oil-
ing machine?

Ans. Does not know whether
it was or not nor whether
it had that effect or not.

There has been a quarrel
between Mr Tyler & Brown,
but does not know whether
they are on good or bad
terms now.

The ball & socket in
an injured condition being
exhibited to witness, thinks
it had not been kept well
oiled — thinks it would not
have become injured, if it
had been well oiled — thinks
the steel price according to

Mr. Harmonstead.

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Mr. Tyler's plan, would have the effect of oiling the worn surface of the ball & socket, if the steel piece produced the effect of raising the ball, but does not know whether the steel piece so raised it or not. The last time Deponent saw the (ball now at work) dine press, the ball did not appear worn - in that press Mr. Tyler's plan of oiling is ^{in use} ~~in use~~ does not recollect how long it has been in use - it was very seldom Deponent could get into the room where it was, unless he stole his way in, & whenever Mr. Tyler happened to come in when Deponent was there, he would say something to Deponent to give him to understand that he must go to some other part of the building - Deponent's work was in some other portion of the Department - Deponent & Mr. Tyler have not had any difficulty but have had little to say to each other.